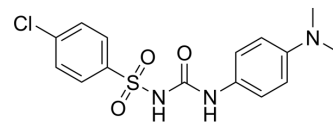


Glyparamide

Cat. No.:	HY-15383
CAS No.:	5581-42-0
Molecular Formula:	C ₁₅ H ₁₆ ClN ₃ O ₃ S
Molecular Weight:	353.82
Target:	Others
Pathway:	Others
Storage:	<div> <div>Powder</div> <div>-20°C 3 years</div> <div>4°C 2 years</div> </div> <div> <div>In solvent</div> <div>-80°C 2 years</div> <div>-20°C 1 year</div> </div>



SOLVENT & SOLUBILITY

In Vitro	DMSO : 55 mg/mL (155.45 mM; Need ultrasonic)					
	Preparing Stock Solutions	<div><div>Solvent</div><div>Concentration</div></div>	Mass	1 mg	5 mg	10 mg
		1 mM		2.8263 mL	14.1315 mL	28.2630 mL
		5 mM		0.5653 mL	2.8263 mL	5.6526 mL
		10 mM		0.2826 mL	1.4131 mL	2.8263 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.75 mg/mL (7.77 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.75 mg/mL (7.77 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.75 mg/mL (7.77 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Glyparamide is an orally active chlorophenyl-containing sulfonyleurea. Glyparamide shows hypoglycemic activity and rarely causes hepatic injury ^[1] .
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REFERENCES

Caution: Product has not been fully validated for medical applications. For research use only.

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